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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/675,752	09/30/2003	Jeyhan Karaoguz	14988US02	8025

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MCANDREWS HELD & MALLOY, LTD  
500 WEST MADISON STREET  
SUITE 3400  
CHICAGO, IL 60661

EXAMINER
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EBRAHIMI DEHKORDY, SAEID

ART UNIT	PAPER NUMBER
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2626

DATE MAILED: 08/11/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

## Office Action Summary

Application No.

10/675,752

Applicant(s)

KARAOGUZ ET AL.

Examiner

Saeid Ebrahimi-dehKordy

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☐ Responsive to communication(s) filed on \_\_\_\_.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-28 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-28 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 30 September 2003 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_.
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_.

## **DETAILED ACTION**

### ***Claim Rejections - 35 USC § 102***

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. Claim 1-18 rejected under 35 U.S.C. 102(e) as being anticipated by Gacek (U.S. Patent 6,795,205)

**Regarding claim 1** Gacek discloses: A system providing printer resource sharing in a communication network (note Fig.1 the way the printing resources are distributed in the different houses through the different networks such as DSL, Wireless, Digital satellite network, column 5 lines 46-67 and column 6 lines 1-15) comprising: at least one communication device deployed in at least one location (note Fig.1 items 102 and 103 where the different devices are deployed in remote places, column 6 lines 54-60) a communication network (note Fig.1 any of the networks 101,106, 107, 125, 105 and 107 which communicate with the different houses and devices with in the houses (column 5 lines 65-67 and column 6 lines 1-15) communicatively coupled to the at least one communication device (note Fig.1 any of the networks 106, 107, 125, 105 and 107 which communicate with the 3<sup>rd</sup> party merchants and different houses and devices with in the houses like set top boxes, column 6 lines 27-60) print server software (note Fig.2 item 6 the CHE which acts as the print server by routing and managing the resources of

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the printers, column 7 lines 22-67 and column 8 lines 1-20) that receives from the at least one communication device via the communication network a request for printing of information content and that responds by coordinating the printing of the information content (note column 7 lines 22-34 where the 3<sup>rd</sup> party is requesting to print document through the CHE or print server to be printed on the local printer on the user home) and at least one personal printer resource (note column 7 lines 47-55 where the CHE the print server is this case stores the preferences or each print resource of the private printer in the preferences directory 21) communicatively coupled to the at least one communication device (note column 7 lines 46-67 and column 8 lines 1-12 where the 3<sup>rd</sup> party is coupled with the CHE to transmit print data to the private printer of the user) wherein the print server software resides outside of the at least one personal printer resource (note Fig.2, CHE and where the resource directory is located outside of the private printer area) and wherein the at least one personal printer resource is accessed for printing by at least one communication device via the communication network (note again column 7 lines 49-55 where the resource being used is stored for the specific printer on the preference directory 21 of Fig.2).

**Regarding claim 2** Gacek discloses: The system according to claim 1, wherein the communication network comprises at least one of a broadband access headend, a cable infrastructure, a satellite network infrastructure, a digital subscriber line (DSL) infrastructure, an Internet infrastructure, an intranet infrastructure, a wired infrastructure, a closed communication infrastructure, a local area network, and a wireless infrastructure (note Fig.1 items 106 the DSL network, 105 the digital cable network, and

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125 the digital satellite network are used to communicate between the devices, column 5 lines 60-67 and column 6 lines 1-15).

**Regarding claim 3** Gacek discloses: The system according to claim 1, wherein the communication network comprises a local area network (note Fig.1 items 112 to 121 where these houses are each is the local area network comprising a TV or computer and local printers and the set top boxes, column 6 lines 30-60).

**Regarding claim 4** Gacek discloses: The system according to claim 3, wherein the communication network comprises at least one of an Ethernet and an 802.11b wireless network (note Fig.1 item 107 where the wireless network is used to communicate with the devices, column 6 lines 7-12).

**Regarding claim 5** Gacek discloses: The system according to claim 1, wherein the information content comprises at least one of third party media content, digital video, digital images, digital audio, documents, files, broadcast television programs, radio channels, news programming, sporting events programming, special programming, and on-demand movies (note column 5 lines 46-64).

**Regarding claim 6** Gacek discloses: The system according to claim 1, wherein the information content format comprises at least one of an MPEG video format, a Windows media format, a Real-Player format, a Quick-Time video format, an H.263 video format, an H.323 video format, a JPEG image format, a TIFF image format, a bit map image format, a GIF image format, and a PCX image format (note column 5 lines 46-55).

**Regarding claim 7** Gacek discloses: The system according to claim 1, further comprising: a media exchange server communicatively coupled to the communication

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network, wherein the media exchange server provides functionality related to at least one of printer resource registration, media transcoding, billing for information content-related services, payment for information-content related services, information content management communication device registration, and information content security (note column 13 lines 4-30 where the payment is arranged through the CHE)

**Regarding claim 8** Gacek discloses: The system according to claim 1, further comprising: a printer service server communicatively coupled to the communication network (note column Fig.2 item 6 the CHE which is coupled to the network communication and home devices) and at least one network printer resource communicatively coupled to the communication network via the printer service server and via the print server software the print server software residing on the at least one network printer resource (note column 7 lines 54-60)

**Regarding claim 9** Gacek discloses: The system according to claim 8, wherein the printer service server provides functionality related to at least one of communication device authorization, billing for information content-related services, buffering of print jobs received from the communication network, and delivering print jobs to the at least one network printer resource (note column 13 lines 4-30 where the payment is arranged through the CHE)

**Regarding claim 10** Gacek discloses: The system according to claim 1, further comprising: at least one storage device communicatively coupled to the communication network (note Fig.2 item 6 and items 20 the CPSI spooler for storing the data in CHE coupled to the network).

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**Regarding claim 11** Gacek discloses: The system according to claim 10, wherein the storage device comprises at least one of a hard disk drive, a DVD player, a CD player, a floppy disk drive, a RAM, a memory stick, a PCMCIA card, and a compact flash card (note column 11 lines 7-11).

**Regarding claim 12** Gacek discloses: A system providing printer resource sharing in a communication network comprising: a first communication device deployed at a first location (note Fig.1 item 102 the 3<sup>rd</sup> merchant party) a second communication device deployed at a second location (note Fig.1 item 105 the digital cable network) a communication network (note Fig.1 item 101 the internet) communicatively coupled to the first location and the second location (note Fig.1 items 102 and 105 and internet 101 coupled together) information content residing on the first communication device (note column 7 lines 23-27) a print server software residing on the second communication device (note Fig.2 item 6 the CHE where this item acts as a print server, column 7 lines 47-67 and column 8 lines 1-20) and coordinating the printing of the information content (note column 8 lines 1-20 and column 6 lines 28-60) and a personal printer resource communicatively coupled to the communication network (note Fig.2 item 21 the preference directory 21 which stores the personal printer's 12 preferences, column 7 lines 49-55) wherein the first communication device performs at least one of pushing the information content to the second communication device and printing the information content on the personal printer resource (note column 7 lines 1-46).

**Regarding claim 13** Gacek discloses: The system according to claim 12, wherein the second communication device is adapted to accept or to reject a request for printing on



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the personal printer resource, the request being received via the communication network (note column 7 lines 23-34).

**Regarding claim 14** Gacek discloses: The system according to claim 12, wherein the communication network comprises at least one of a broadband access headend, a cable infrastructure, a satellite network infrastructure, a digital subscriber line (DSL) infrastructure, an Internet infrastructure, an intranet infrastructure, a wired infrastructure, a closed communication infrastructure, a local area network, and a wireless infrastructure (note Fig.1 items 106 the DSL network, 105 the digital cable network, and 125 the digital satellite network are used to communicate between the devices, column 5 lines 60-67 and column 6 lines 1-15).

**Regarding claim 15** Gacek discloses: The system according to claim 12, wherein the communication network comprises a local area network (note Fig.1 items 112 to 121 where these houses are each is the local area network comprising a TV or computer and local printers and the set top boxes, column 6 lines 30-60).

**Regarding claim 16** Gacek discloses: The system according to claim 15, wherein the communication network comprises at least one of an Ethernet and an 802.11b wireless network (note Fig.1 item 107 where the wireless network is used to communicate with the devices, column 6 lines 7-12).

**Regarding claim 17** Gacek discloses: The system according to claim 12, wherein the information content comprises at least one of third party media content, digital video, digital images, digital audio, documents, files, broadcast television programs, radio channels, news programming, sporting events programming, special programming, and



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on-demand movies (note column 5 lines 46-64).

**Regarding claim 18** Gacek discloses: The system according to claim 12, wherein the information content format comprises at least one of an MPEG video format, a Windows media format, a Real-Player format, a Quick-Time video format, an H.263 video format, an H.323 video format, a JPEG image format, a TIFF image format, a bit map image format, a GIF image format, and a PCX image format (note column 5 lines 46-55).

***Claim Rejections - 35 USC § 102***

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

4. Claim 19-25 are rejected under 35 U.S.C. 102(e) as being anticipated by Parry (Pub. No.: US 20020135808)

**Regarding claim 19** Parry disclose: A method for printing images, comprising: (a) searching through a plurality of video frames on a communication network via a communication device (note page 2, paragraph 0025 lines 1-4 where the search executed to determine the specific video) the communication device being communicatively coupled to the communication network (note page 2 paragraph 0023 lines 9-11) (b) selecting a video frame of the plurality of video frames using the communication device (note page 2 paragraph 0025 where a video frame is selected among the plurality of frames) (c) transcoding the selected video frame using the

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communication device to obtain a single image frame (note page 2 paragraph 0025 lines 6-10) and (d) printing the single image frame from the communication device on at least one network printer resource the at least one network printer resource being communicatively coupled to the communication device via the communication network (note page 2 paragraphs 0023-0025).

**Regarding claim 20** Parry discloses: The method according to claim 19, further comprising: (e) printing the single image frame from the communication device on a personal printer resource the personal printer resource being communicatively coupled to the communication device via a print server software residing on the communication device (note page 2 paragraphs 0023-0025).

**Regarding claim 21** Parry discloses: The method according to claim 20, wherein the printing on the personal printer resource may be accepted or may be rejected via the communication device (note page 3 paragraph 0028-0029).

**Regarding claim 22** Parry discloses: The method according to claim 19, wherein the selected video frame is transcoded from at least one of an MPEG video format, a Windows media format, a Real-Player format, a Quick-Time video format, an H.263 video format, and an H.323 video format (note page 2 paragraph 0026).

**Regarding claim 23** Parry discloses: The method according to claim 19, wherein the selected video frame is transcoded to at least one of a JPEG image format, a TIFF image format, a bit map image format, a GIF image format, and a PCX image format (note page 2 paragraph 0025).

**Regarding claim 24** Parry discloses: The method according to claim 20, wherein

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selecting the video frame comprises selecting a set of video frames (note page 2 paragraph 0023).

**Regarding claim 25** Parry discloses: The method according to claim 20, wherein the transcoding of the selected video frame comprises transcoding of a set of video frames to obtain a single image frame (note page 2 paragraph 0025).

***Claim Rejections - 35 USC § 103***

5. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

6. Claim 26-28 are rejected under 35 U.S.C. 103(a) as being unpatentable over Parry (Pub. No.: US 20020135808) in view of Gacek (U.S. Patent 6,795,205).

**Regarding claim 26** Parry discloses: A method for managing a printer resource, comprising: (a) selecting or generating an image frame on a communication device (note page 2, paragraph 0025 lines 1-4 where the search executed to determine the specific video) the communication device being communicatively coupled to the communication network (note page 2 paragraph 0023 lines 9-11) and (f) printing the image frame on the accepted printer resource (note page 2 paragraphs 0023-0025). However Parry does not quite disclose: (b) calling up printer resources available on the communication network using the communication device; (c) selecting a printer resource from the available printer resources using the communication device; (d) viewing printing parameters of the selected printer resource using the communication

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device; (e) accepting the printer resource and the printing parameters using the communication device. On the other hand Gacek discloses: (b) calling up printer resources available on the communication network using the communication device (note column 7 lines 47-55) (c) selecting a printer resource from the available printer resources using the communication device (note column 7 lines 52-54) (d) viewing printing parameters of the selected printer resource using the communication device (note column 8 lines 13-18) (e) accepting the printer resource and the printing parameters using the communication device (note column 7 lines 50-55). Therefore it would have been obvious to a person of ordinary skill in art at the time of the invention to modify Parry's invention according to the teaching of Gacek, where Gacek in the same filed of endeavor teaches the way preferences and parameters are determined through the print server for the purpose of detecting the user's printer capabilities.

**Regarding claim 27** Gacek discloses: The method according to claim 26, wherein the printer resource comprises a personal printer resource that is communicatively coupled to the communication network via a print server software (note column 7 lines 47-65).

**Regarding claim 28** Gacek discloses: The method according to claim 26, wherein the printing parameters comprise at least one of a cost of using the printer resource, a print size, a printing font, and a type of printing color (note column 13 lines 4-30 where the payment is arranged through the CHE)

**Contact Information**

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- Any inquiry concerning this communication or earlier communications from the examiner should be directed to *Saeid Ebrahimi-Dehkordy* whose telephone number is (571) 272-7462.

The examiner can normally be reached on Monday through Friday from 8:00 a.m. to 5:30 p.m. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kimberly Williams, can be reached at (571) 272-7471.

**Any response to this action should be mailed to:**

Assistant Commissioner for Patents  
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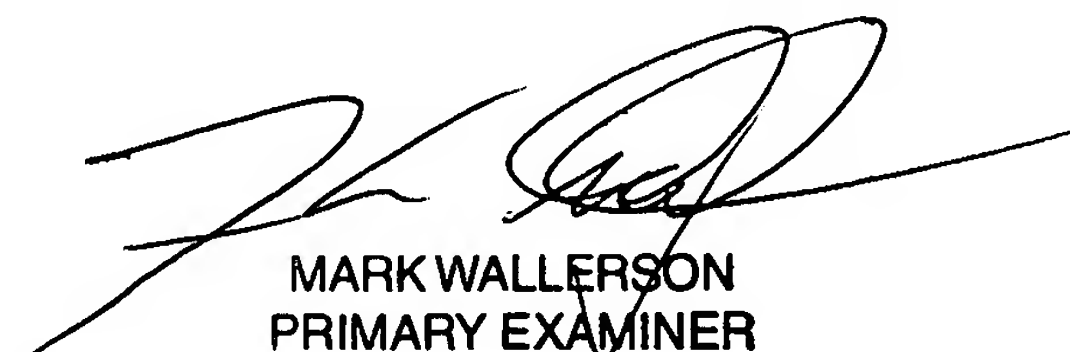
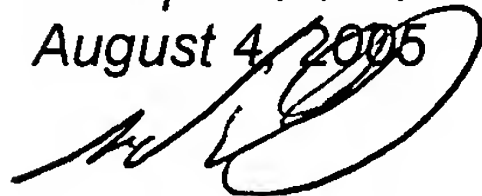
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**Hand delivered responses** should be brought to Knox building on 501 Dulany Street, Alexandria, VA.

Any inquiry of a general nature or relating to the status of this application should be directed to the Group Receptionist whose telephone number is (703) 305-4750.

*Saeid Ebrahimi-Dehkordy*  
Patent Examiner  
Group Art Unit 2626  
August 4, 2005



MARK WALLERSON  
PRIMARY EXAMINER